

COMHELTACWINGPAC
MH-60S AE MAINTENANCE TECHNICIAN
OJT SYLLABUS

Name: _____ **Rate:** _____

1. Prerequisite to final certification is supervisor confidence gained through satisfactory task performance. Satisfactory task performance shall be monitored and documented on the individual's OJT syllabus.
2. Qualification entries will be made when an individual is considered fully qualified to perform tasks without supervision. Work center supervisors have qualification certification authority.
3. Qualification, once achieved, is considered current until:
 - a. qualification is removed for cause by command
 - b. individual transfers to another unit.
4. Entries shall have the qualifier's initials and dates; at no time will vertical lines be used between initials and dates. The work center supervisor's initials and dates are mandatory.
5. This syllabus is used to document OJT leading to job task qualification by the work center supervisor. OJT events shall be documented for all related tasks until the trainee is qualified. The work center supervisor may sign off qualification when satisfied the trainee is fully qualified to perform tasks without supervision. This may be accomplished after only one OJT event or it may require many; the decision rests with the work center supervisor. This OJT syllabus is to be maintained in a centralized location accessible to the trainee at all times. Once completed, this form will be filed on the Right Side, Section 3, of the Qualification/Certification Record. When designated as a CDI, CDQAR, or QAR, this form will be filed in the Certification/Designation section of the Qualification/Certification Record (Left Side) behind the Designation form.
6. The work center supervisor is responsible and accountable for reviewing any member's previous OJT. The work center LPO may conduct a proficiency review with the member. Signature of work center LPO below states that all previous OJT Skill Certifications were reviewed.

Legible Signature of Work Center LPO: _____
Date: _____

OJT/Instructor/Supervisor Sign off Key (print name then sign your initials):

Name: _____	Initials: ____	Name: _____	Initials: ____
Name: _____	Initials: ____	Name: _____	Initials: ____
Name: _____	Initials: ____	Name: _____	Initials: ____

OJT TASK:	QUALIFIER	DATE	W/C SUP	DATE
ENGINE SYSTEMS:				
Remove/replace Low Fuel Pressure Switch				
Remove/replace Oil Pressure Transmitter				
Remove/replace Alternator				
Remove/replace DECU				
Remove/replace History Counter				
Remove/replace Ignition Exciter				
Remove/replace Np Torque Sensor				
Remove/replace Over speed Sensor				
Remove/replace Chip Detector				
Remove/replace Oil Temperature Sensor				
Remove/replace Thermocouple Assembly				
Troubleshoot Electrical System				
Troubleshoot Engine failure to start				
Troubleshoot Spiking TGT				
Troubleshoot no Ng Indication				
Troubleshoot no Over speed Protection				
BLADE FOLD SYSTEM:				
Troubleshoot a Blade fold System discrepancy				
Remove/replace Blade fold Control Panel				
Remove/replace Main Rotor Slip-ring Assy				
Remove/replace Blade fold Deice Distributor				
Remove/replace Blade fold Actuator				
Remove/replace Pitch Lock Actuator				
Remove/replace Stabilator Lock pin Switch				
Remove/replace Pylon Lock pin Switch				
Remove/replace Tail Rotor Blade Position Actuator				
Remove/replace Crack Open Switch				
Remove/replace Main Rotor Blade fold Harness				
Remove/replace Blade fold Index Drive Unit				
Remove/replace Molded Harness				
Remove/replace Blade Deice Junction Box				
Remove/replace #1 Relay Panel				
Remove/replace #2 Relay Panel				
Remove/replace #3 Relay Panel				
Remove/replace #4 Relay Panel				
Remove/replace #5 Relay Panel				
Remove/replace Blade fold				

OJT TASK:	QUALIFIER	DATE	W/C SUP	DATE
Transducer				
BLADE FOLD SYSTEM:				
Fold Main Rotor Blades electrically				
Fold Main Rotor Blades using Blade fold Test Set (70700-77453-041)				
Fold Stabilators				
Fold Tail Pylon				
Adjust Blade Fold Switches				
LANDING GEAR AND RELATED SYSTEMS:				
Remove/replace Emergency Control Panel				
Remove/replace Weight On Wheels Switch				
Remove/replace Tail Wheel Lock Actuator				
Remove/replace Tail Wheel (lock and unlock) Switch				
Perform operational check of Tail Wheel Lock System				
Perform operational check of WOW Circuit				
Adjust WOW Switch				
Troubleshoot Tail Wheel Lock Indication discrepancy				
AUXILIARY POWER UNIT:				
Remove/replace Magnetic Speed Sensor				
Identify Bit Codes on the APU ESU				
Troubleshoot APU				
Remove/replace ESU				
Remove/replace Igniter Unit				
Remove/replace Low Oil Pressure Switch				
Remove/replace Igniter				
Troubleshoot High Oil Temperature				
Troubleshoot APU no ignition				
Troubleshoot APU no starter rotation				
TRANSMISSION SYSTEM:				
Remove/replace Oil Pressure Transmitter				
Remove/replace Low Oil Pressure Switch				
Remove/replace Main Module Chip Detector				
Inspect Main Module Chip Detector				

OJT TASK:	QUALIFIER	DATE	W/C SUP	DATE
Remove/Replace input Module Chip Detector				
Inspect Module Chip Detector				
Remove/replace Accessory Module Chip Detector				
Inspect Accessory Module Chip Detector				
Remove/replace Rotor Brake Pressure Switch				
Remove/replace Main Rotor Speed Sensor				
Remove/replace IGB Chip Detector				
Inspect IGB Chip Detector				
Remove/replace TGB Chip Detector				
Inspect TGB Chip Detector				
Fault Isolate to a Chip Light				
Troubleshoot Low Oil Pressure				
Troubleshoot High Oil Pressure				
Troubleshoot Fluctuating Oil Pressure				
ECS/DE-ICE:				
Remove/replace ECS Control Panel				
Remove/replace ECS Controller				
Remove/replace ECS Modulating Valve				
Remove/replace Cabin Temperature Control Valve				
Remove/replace Lower Console Cooling Fan				
Remove/replace Engine Inlet Anti-Ice Valve				
Remove/replace Windshield Anti-Ice Controller				
Remove/replace Blade Deice Control Panel				
Remove/replace Blade Deice Test Panel				
Remove/replace Slip-rings				
Remove/replace Distributor				
Remove/replace Ice Detector				
Remove/replace Ice Rate Signal Converter				
Troubleshoot Blade Deice System				
Troubleshoot Ice Detector System				
Troubleshoot Engine Anti-Ice System				
Troubleshoot Windshield Anti-Ice System				
Troubleshoot Environmental Control System				
Troubleshoot Lower Console Cooling System				
ELECTRICAL POWER DISTRIBUTION:				
Remove/replace Main AC Generator				
Remove/replace APU Generator				

OJT TASK:	QUALIFIER	DATE	W/C SUP	DATE
Remove/replace Generator Control Unit				
ELECTRICAL POWER DISTRIBUTION:				
Remove/replace Generator Control Switch				
Remove/replace Generator Contactor				
Remove/replace APU/External Power Contactor				
Remove/replace AC Bus Tie Contactor				
Remove/replace Current Transformer				
Remove/replace Current Limiter				
Remove/replace Test Receptacle				
Remove/replace AC Essential Bus Relay				
Remove/replace Essential Bus Fail Relay				
Remove/replace External Power Receptacle				
Remove/replace External Power Monitor Panel				
Remove/replace External Power Switch				
Remove/replace AC Secondary Bus Contactor				
Remove/replace AC Monitor Bus Relay				
Remove/replace DC Converter				
Remove/replace DC Primary Bus Contactor K5 and K6				
Remove DC Primary Bus Tie Contactor				
Remove/replace DC Current Limiter				
Remove/replace Battery				
Troubleshoot Main Generator				
Troubleshoot APU Generator				
Apply external A/C Power				
Troubleshoot External Power System				
AIRCRAFT LIGHTING SYSTEMS:				
Remove/replace Position Light Assembly				
Remove/replace Position Light Flasher				
Remove/replace Controllable Landing Light				
Remove/replace Anti-collision Light Assembly				
Remove/replace Anti-collision Light Power Supply				
Remove/replace Hoist Light Assembly				

OJT TASK:	QUALIFIER	DATE	W/C SUP	DATE
Remove/replace Controllable Searchlight				
Remove/replace Rotor Head Inspection Light Assembly				
AIRCRAFT LIGHTING SYSTEMS:				
Remove/replace Cargo Hook Light Assy				
Remove/replace Cabin Dome Light				
Remove/replace Variable Power Supply				
Remove/replace Dimmer Controls				
Remove/replace Panel Face Plates				
Remove/replace Utility Light Assembly				
Remove/replace ADHEELS Light Tube and Control Unit				
Remove/replace Cabin Door Handle ADHEELS Assy				
Discuss the various safety precautions when changing exterior lamps				
Troubleshoot Anti-Collision Lights				
Troubleshoot Interior and Exterior Lamps				
Troubleshoot Controllable Searchlight				
HYDRAULIC SYSTEMS:				
Perform operational check of Hydraulic Power System				
Troubleshoot the Hydraulic Power System				
Troubleshoot the Back-Up Pump System				
Remove/replace Servo Pressure Switches				
Adjust Tail Rotor Servo Switches				
Troubleshoot the Leak Detection System				
AIRCRAFT FUEL SYSTEMS:				
Discuss Fuel Cell Safety Precautions				
Remove/replace a Fuel Dump Pump				
Fault Isolate Fuel Prime System				
Remove/replace Transfer High Pressure Switch				
Remove/replace Fuel Management Control Panel				
Remove/replace Data Concentrator				
Troubleshoot Fuel Transfer System				
Troubleshoot Fuel Dump System				

OJT TASK:	QUALIFIER	DATE	W/C SUP	DATE
Troubleshoot Pressure Fueling System				
Troubleshoot Fuel Jettison System				
Troubleshoot Fuel Prime System				
FUEL QUANTITY INDICATING AND LOW LEVEL WARNING SYSTEM:				
Calibrate Fuel Quantity Indicating System				
Calibrate Fuel Low Level Warning System				
Remove/replace Fuel Probe				
Remove/replace Fuel Quantity Signal Conditioner				
Remove/replace Miscellaneous Switch Control Panel				
Remove/replace Low Level Sensing Assembly				
Remove/replace Low Level Warning Conditioner				
Remove/replace Fuel Management Panel				
Troubleshoot Fuel Quantity Indicating System				
MISCELLANEOUS UTILITIES:				
Remove/replace Impact Switch				
Remove/replace Logic Module				
Remove/replace Control Relay				
Troubleshoot Fire Detection System				
Troubleshoot Fire Extinguishing System				
RESCUE HOIST, WINDSHIELD WASHER/ WIPER, AND CARGO HOOK:				
Remove/replace Rescue Hoist Control Panel				
Remove/replace Cargo Hook Pendant				
Remove/replace Crew Hover Control Panel				
Remove/replace Wiper Motor				
Troubleshoot Windshield Wiper				
Troubleshoot Windshield Washer				
Troubleshoot Cargo Hook System				
Troubleshoot Rescue Hoist System				
CAUTION ADVISORY AND FLIGHT INSTRUMENT SYSTEMS:				
Remove/replace Master Warning Panel				
Troubleshoot Caution/Advisory System				
Remove/replace Barometric Altimeters				
Remove/replace Airspeed Indicators				

OJT TASK:	QUALIFIER	DATE	W/C SUP	DATE
Remove/replace Standby Compass				
Remove/replace Free-Air Thermometer Indicator				
Remove/replace a Digital Clock				
VIDS AND PITOT STATIC SYSTEM:				
Remove/replace Pitot Tube				
Remove/replace Air Data Transducer				
Remove/replace Air Speed Transducer				
Troubleshoot Pitot-Static System using ADTS405-8325 Test Set				
ATTITUDE HEADING REFERENCE SYSTEM (AHRS) :				
Troubleshoot AHRS System				
Perform Aircraft Compass Swing (Standby)				
STABILATOR SYSTEM:				
Perform bias Adjustment				
Perform Lateral Accelerometer Adjustment				
Perform Collective Stick Sensor Adjustment				
Perform Position Sensor/Limit Switch Assembly Rod Adjustment				
Remove/replace Lateral Accelerometers				
Remove/replace Stabilator Control Panel				
Remove/replace Collective Stick Position Sensor				
Remove/replace Stabilator Amplifiers				
Remove/replace Stabilator Actuators				
Remove/replace Pitch Rate Gyro				
Ground Test Stabilator System				
Adjust Stabilator Limit Switches				
Troubleshoot Stabilator using Stabilator Line Test Set				
STABILITY AUGMENTATION SYSTEM:				
Remove/replace AFCS Control Panel				
Remove/replace SAS Amplifier				
Remove/replace YAW Pedal Switch				
Remove/replace AFCC Computer				
Discuss Cyclic Trim Principles of Operation				
INSTRUMENT SYSTEMS				
Remove/replace Mission Display				
Remove/replace Flight Display				
DAFCS SYSTEM (SAS-2) :				
Perform AFCS Functional Checks				

OJT TASK:	QUALIFIER	DATE	W/C SUP	DATE
Perform Accelerometer Nulling Operational Checks				
Troubleshoot AFCS Coupler				
Adjust Lateral Accelerometer Potentiometer				
Troubleshoot Auto pilot				
Remove/replace Crew Hover Panel				
Remove/replace Vertical Accelerometer				
Perform AFCS Trim Jump Check				
Troubleshoot AFCS Trim				
MISCELLANEOUS INSPECTIONS:				
Perform a 7 Day Inspection (Local Card)				
Perform a 14 Day Inspection				
Perform a 28 Day Inspection				
Perform a 56 Day Inspection				
Perform a 112 Day Inspection				
Perform a 364 Day Inspection				
Perform a Phase A Inspection				
Perform a Phase B Inspection				
Perform a Phase C Inspection				
Perform a Phase D Inspection				
Review Preservation/De-Preservation Requirements				